RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/501,611A
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                                                        DATE: 05/12/2006
                PATENT APPLICATION: US/10/501,611A
                                                        TIME: 08:56:48
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 3 <110> APPLICANT: Pavan, William J.
        Loftus, Stacie K.
        The Government of the United States of America
        as represented by The Secretary of the
        Department of Health and Human Services
 9 <120> TITLE OF INVENTION: Alteration of RAB38 Function to Modulate Mammalian
10
         Pigmentation
12 <130> FILE REFERENCE: 015280-148100US
14 <140> CURRENT APPLICATION NUMBER: US 10/501,611A
15 <141> CURRENT FILING DATE: 2004-07-14
17 <150> PRIOR APPLICATION NUMBER: US 60/349,929
18 <151> PRIOR FILING DATE: 2002-01-18
20 <150> PRIOR APPLICATION NUMBER: WO PCT/US03/01622
21 <151> PRIOR FILING DATE: 2003-01-17
23 <160> NUMBER OF SEQ ID NOS: 28
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32 <220> FEATURE:
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46 <223> OTHER INFORMATION: Rab38 sequence of chocolate (cht) mutant allele in

59 <223> OTHER INFORMATION: human RAB38 highly conserved N-terminal region

62 Met Gln Ala Pro His Lys Glu His Leu Tyr Lys Leu Leu Val Ile Gly 63 1 5 10 15

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c57Bl6/J Rab38cht/+ DNA

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DATE: 05/12/2006

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260 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic TYRP15'T3F DNA

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